

## TEAD4 Antibody (monoclonal) (M12)

Mouse monoclonal antibody raised against a full length recombinant TEAD4.

Catalog # AT4203a

### Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">Q15561</a>
<b>Other Accession</b>	<a href="#">BC015497</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	1D10
<b>Calculated MW</b>	48329

### Additional Information

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<b>Gene ID</b>	7004
<b>Other Names</b>	Transcriptional enhancer factor TEF-3, TEA domain family member 4, TEAD-4, Transcription factor 13-like 1, Transcription factor RTEF-1, TEAD4, RTEF1, TCF13L1, TEF3
<b>Target/Specificity</b>	TEAD4 (AAH15497, 1 a.a. ~ 361 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	TEAD4 Antibody (monoclonal) (M12) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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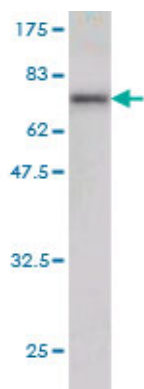
This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is preferentially expressed in the skeletal muscle, and binds to the M-CAT regulatory element found in promoters of muscle-specific genes to direct their gene expression. Alternatively spliced transcripts encoding distinct isoforms, some of which are translated through the use of a non-AUG (UUG) initiation codon, have been described for this gene.

### References

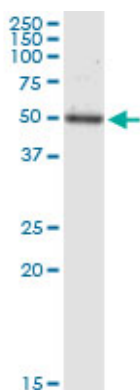
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TEAD transcription factors mediate the function of TAZ in cell growth and epithelial-mesenchymal transition. Zhang H, et al. J Biol Chem, 2009 May 15. PMID 19324877. Transcription enhancer factor 3 (TEF3) mediates the expression of Down syndrome candidate region 1 isoform 1 (DSCR1-1L) in endothelial cells. Liu X, et al. J Biol Chem, 2008 Dec 5. PMID 18840614. TEAD mediates YAP-dependent gene induction and growth control. Zhao B, et al. Genes Dev, 2008 Jul 15. PMID 18579750. Identification of NR5A1 (SF-1/AD4BP) gene expression modulators by large-scale gain and loss of function studies. Sakai N, et al. J Endocrinol, 2008 Sep. PMID 18579725. Identification of novel alternatively spliced isoforms of RTEF-1 within human ocular vascular endothelial cells and murine retina. Appukuttan B, et al. Invest Ophthalmol Vis Sci, 2007 Aug. PMID 17652751.

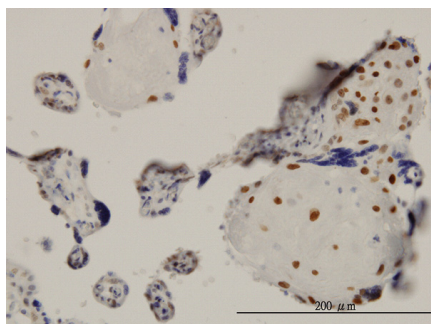
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (65.45 KDa) .



TEAD4 monoclonal antibody (M12), clone 1D10. Western Blot analysis of TEAD4 expression in human spleen.



Immunoperoxidase of monoclonal antibody to TEAD4 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.